

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030880.D
 Acq On : 01 Nov 2024 12:26
 Operator : SY/MD
 Sample : P4585-01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 00:54:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	363890	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	327002	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	161298	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	109767	19.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
7) Chloroethane-d5	2.899	69	97353	22.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
11) 1,1-Dichloroethene-d2	4.021	65	46633	19.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.400%
21) 2-Butanone-d5	7.081	46	55171	53.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.200%
24) Chloroform-d	7.648	84	290912	27.955	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.800%
26) 1,2-Dichloroethane-d4	8.307	65	136381	25.203	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	8.276	84	445384	23.467	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.880%
36) 1,2-Dichloropropane-d6	9.270	67	141223	25.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	10.319	98	409935	23.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	10.575	79	58613	25.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.520%
47) 2-Hexanone-d5	10.922	63	46683	65.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119559	29.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	130947	23.993	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.960%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.045	96	199166	40.795	ug/L	85
13) Acetone	4.131	43	87288	57.922	ug/L	97
16) Methylene chloride	4.923	84	436687	79.380	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	163330	31.004	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	326038	44.220	ug/L	98
19) 1,1-Dichloroethane	6.216	63	871950	89.054	ug/L	99
22) 2-Butanone	7.173	43	309142	190.308	ug/L	96
25) Chloroform	7.679	83	945059	90.321	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	5781	0.666	ug/L	93
31) Carbon tetrachloride	8.069	117	130737	16.863	ug/L	99
33) Benzene	8.325	78	1432906	67.337	ug/L	100
34) Trichloroethene	9.093	95	562099	94.946	ug/L	96
37) 1,2-Dichloropropane	9.367	63	202005	38.009	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	526155	65.633	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	413056	161.777	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	504525	74.894	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	198444	51.663	ug/L	97
50) 1,2-Dibromoethane	11.233	107	171831	47.942	ug/L	100
53) m,p-Xylene	11.837	106	482071	49.672	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	12.166	106	596584	66.491	ug/L	91
55) Styrene	12.160	104	32037	2.089	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.714	83	225853	52.141	ug/L	96
59) Bromoform	12.349	173	42840	18.904	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	253407	80.736	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	430002	39.548	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	428365	38.156	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	16051	22.935	ug/L	95
69) 1,3,5-Trichlorobenzene	15.129	180	105878	14.767	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	105878	18.343	ug/L	96
71) Naphthalene	15.360	128	828982	83.130	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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